

Title (en)

Process for dispensing a beverage comprising a base liquid product and at least one flavouring and apparatus for implementing the process

Title (de)

Verfahren zur Abgabe eines Getränks mit einem Basisflüssigkeitsprodukt und mindestens einem Geschmacksstoff sowie Vorrichtung zur Implementierung des Verfahrens

Title (fr)

Procédé de fourniture d'une boisson comprenant un produit liquide de base et au moins un arôme et appareil pour l'application du procédé

Publication

**EP 2412280 A1 20120201 (EN)**

Application

**EP 10425218 A 20100630**

Priority

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Abstract (en)

The invention relates to a process for dispensing a beverage comprising a predetermined dose of a base liquid product, for example milk or coffee, and at least one predetermined dose of flavouring. According to the process the dose of base liquid product and the dose of flavouring are drawn up together at the same time from respective containers (1, 1a, 2 and 3), compressed and delivered to a container (20) for collection of the flavoured beverage. The invention also relates to an apparatus for implementing the process. This comprises at least one container (1, 1a) for the base liquid product, at least one container (2, 3) for flavouring, a container (20) for collection of the flavoured beverage and a suction/compression device (12) having a suction inlet (11) and a pressurised delivery outlet (17). The suction inlet (11) of the suction/compression device (12) is connected to both the containers containing base liquid products (1, 1a) and the containers containing flavouring (2, 3) through respective conduits (5, 5a, 7, 9) each of which are provided with respective valve means (6, 6a, 8, 10). The pressurised delivery outlet (17) of the suction/compression device (12) is connected to a delivery conduit (18) terminating in a nozzle (19) emptying into the said container (20) for collection of the flavoured beverage.

IPC 8 full level

**A47J 31/40** (2006.01)

CPC (source: EP)

**A47J 31/402** (2013.01)

Citation (applicant)

- US 7507430 B2 20090324 - STEARNS WAYNE R [US], et al
- EP 2011421 A1 20090107 - SCHAEERER AG M [CH]
- EP 2011422 A1 20090107 - SCHAEERER AG M [CH]
- EP 1977668 B1 20090826 - GRUPPO CIMBALI SPA [IT]

Citation (search report)

- [XA] US 2005095341 A1 20050505 - SHER ALEXANDER A [US], et al
- [X] WO 2006135864 A2 20061221 - CONCORDIA COFFEE CO INC [US], et al

Cited by

IT201700096518A1; CN114401654A; CN108685493A; EP2759234A1; WO2015113580A1; WO2014116109A1; US10478011B2; US10390653B2; WO2013182340A1; US9617138B2; WO2017003296A1; WO2021073809A1

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